

ABSTRACT OF THE DISCLOSURE

A color image forming apparatus, when a white LED is made to emit light to thereby detect reflected light from a color image, changes a color measuring
5 condition in adaptation to a reflectance predicted from the forming condition of the color image to be detected and detects the amount of reflected light by photodiodes (R,G,B), and adjusts the image forming
10 condition from the detected amount of reflected light of each color image. Thereby, irrespective of the reflectance of each color image, the color measurement of each color image is effected with good accuracy, and the hue and density of the color image to be detected are accurately detected to thereby
15 form a color image excellent in color reproducibility.